



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

FAMILY STATIONS, INC.
112 NORTH ELM STREET
SHENANDOAH IA 51601

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 1913

Call Sign: WBMD

Permit File Number: BP-20190719AAR

Grant Date: **OCT - 2 2019**

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Change transmitter location.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Daytime

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:30 AM	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	7:00 AM	5:45 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:15 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:45 PM	Oct.	6:15 AM	5:30 PM
May	5:00 AM	7:15 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:45 AM	7:30 PM	Dec.	7:15 AM	4:45 PM

Callsign: WBMD

Permit No.: BP-20190719AAR

Name of Permittee: FAMILY STATIONS, INC.

Station Location: BALTIMORE, MD

Frequency (kHz): 750

Station Class: D

Antenna Coordinates:

Day

Latitude: N 39 Deg 18 Min 42 Sec

Longitude: W 76 Deg 29 Min 29 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 0.80

Antenna Mode: Day: ND

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1029962	

Non-Directional Antenna: Day

Radiator Height: 73.1 meters; 65.8 deg

Theoretical Efficiency: 290.06 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

- 2 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 3 Permittee shall install a type-accepted transmitter or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type-accepted transmitter be proposed.
- 4 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations WBMD(AM), (Fac. ID #1913), Baltimore, MD and WFSI(AM), (Fac ID # 43864), Baltimore, MD, and there shall be filed with the license application copies of a firm agreement entered into by the two stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, Stations WBMD(AM), (Fac. ID #1913), Baltimore, MD, and WFSI(AM), (Fac ID # 43864), Baltimore, MD, shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.
- 5 The ground system consists of 120, 49-m to 76-m equally spaced, buried, copper radials plus a 7.3-m x 7.3-m copper ground screen about each tower. Radials are shortened and bonded to transverse copper strap midway between towers.

*** END OF AUTHORIZATION ***